

1 **50522/PAN/E349**

ABSTRACT OF THE DISCLOSURE

5 A high performance transmission optical subassembly is
disclosed. The transmission optical subassembly includes a
laser diode transmitting an optical transmission beam from a
first facet of the laser diode. A reflective mirror reflects a
first portion of the optical transmission beam to an end face
of an optical fiber and an edge illumination monitor
10 photodetector, having a light receiving facet that receives a
second portion of the optical transmission beam, produces a
laser diode control signal as a function of the received
second portion of the optical transmission beam.

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